

Research use only. Not for use in diagnostic procedures.

Deoxy-D-Glucose, 2-[1,2-3H(N)]-

Product Number: NET328A

LOT SPECIFIC INFORMATION

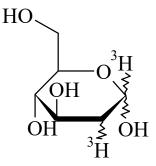
Lot Number: 3329244

Specific Activity: 8 Ci/mmol

Production Date: 27 Aug 2024

_____ GBq/mmol

PACKAGING: 1.0 mCi/ml (37 MBq/ml) in aqueous solution, steri-packaged.



M.W. 164 $C_6H_{12}O_5$

STABILITY AND STORAGE RECOMMENDATIONS: When deoxy-D-glucose, $2-[1, 2-^3H (N)]$ - is stored at 5°C in its original solvent and at its original concentration, the rate of decomposition is initially 1% per 6 months from date of purification. Stability is nonlinear and not correlated to isotope half-life. Lot to lot variation may occur.

SPECIFIC ACTIVITY RANGE: 5-10 Ci/mmol (185-370 GBg/mmol)

RADIOCHEMICAL PURITY: This product was initially found to be greater than 97% when determined by the following methods. The rate of decomposition can accelerate. It is advisable to check purity prior to use:

High pressure liquid chromatography on Aminex HPX-87C column using the following mobile phase: water at 85° C.

QUALITY CONTROL: The radiochemical purity of deoxy-D-glucose, 2-[1,2-3H(N)]- is checked at appropriate intervals using the above listed chromatography method.

HAZARD INFORMATION: <u>WARNING</u>: This product contains a chemical known to the state of California to cause cancer.

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NET328A-R Rev01

